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The following schedule for 1994 will advise readers of *Journal of Materials Engineering and Performance* of topical talks/facilities tours that may be of interest. Subsequent issues of *JMEP* will contain additional details as information is received. For more information on individual chapter events, call or write to the chapter contact listed, or if there is none listed, contact Melinda Carter, Chapter Activities, ASM International®, Materials Park, OH 44073, USA; (216)338-5151, Ext. 636.

Akron (Ohio) Chapter

16 March	tba	<i>THERMAL SPRAYING</i> , A. Kay
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Alamo (Texas) Chapter

January	tba	<i>NUCLEAR WASTE MANAGEMENT</i> , H. Manaktala
February	Dental School Univ. of Texas	<i>Facility Tour</i>
March	Mooney Aircraft Co.	<i>Plant Tour</i>
April	Motorola, Inc.	<i>COMPUTER CHIP MANUFACTURING/Plant Tour</i>
May	Mexico	<i>Site Tour</i>

Beaver Valley (Pennsylvania) Chapter

February	tba	<i>ENVIRONMENTAL CHALLENGES & CHANGES</i>
April	Koppel Steel	<i>Plant Tour</i>

Birmingham (Alabama) Chapter

10 February	tba	<i>STEEL PROCESSING</i>
10 March	tba	<i>LOST FOAM CASTING</i> , C. Bates, Southern Research Institute
14 April	tba	<i>INTERVIEWING SKILLS/Panel Discussion</i>
12 May	tba	<i>BLACKSMITHING/Historical Site Tour</i>

Bonneville (Utah) Chapter

20 January	tba	<i>LOW COST ROCKET SCIENCE</i> , G. Moore
17 February	Arrow Dynamics	<i>BUILDING AMUSEMENT PARK RIDES/Plant Tour</i>
21 April	tba	<i>NEW TECHNOLOGY STEELMAKING at GENEVA</i> , J. Cannon
19 May	tba	<i>NATURAL GAS CONVERSION: WHAT IT MEANS TO YOUR VEHICLE AND THE ENVIRONMENT</i> , D. Hauser

Boston (Massachusetts) Chapter

13 January	Boston, MA Mass. Inst. Tech. (MIT)	<i>METALLURGY</i> , Charles Finn, Northeastern Univ.
7 February	Boston, MA	<i>ALUMINUM & ENGINEERED MATERIALS FOR MANNED TRANSPORTATION</i> , Peter Bridenbaugh, Alcoa
10 March	Boston, MA MIT	<i>NICKEL-STRENGTHENED STEELS</i> , Walter Owen, MIT
14 April	"	<i>MICROMECHANICAL DEVICES</i> , Stewart Brown, MIT

Contact: Richard C. Greeno, Teledyne Engineering Services, 10 Forbes Rd., Woburn, MA 01801; (617)932-9000.

Brandywine Valley (Delaware) Chapter

11 January	tba	<i>APPLIED MATERIALS TECHNOLOGY: SPECIALTY STAINLESS AND NICKEL ALLOYS</i> , P. Whitcraft
8 March	tba	<i>DEVELOPMENT OF A NATIONAL AGENDA</i> , Lyle H. Schwartz, NIST
12 April	tba	<i>METAL MATRIX COMPOSITES</i> , V. Ravi
10 May	Delmarva Power & Light	<i>Plant Tour</i>

Buffalo (New York) Chapter

February tba *JEWELRYMAKING*, G. Cavellie

Canton-Massillon (Ohio) Chapter

11 January Canton, OH
Lolli's Restaurant *DEVELOPMENT OF STEEL CASTINGS FOR THE ADVANCED SOLID ROCKET MOTOR (ASR17)*, George Theus, Babcock & Wilcox, Aerospace Components Div.

8 February " *TOTAL QUALITY AS A STANDARD PRACTICE IN R & D*, George Roberts, Babcock & Wilcox, Alliance Research Ctr.

8 March " *EVOLUTION OF STRUCTURES & MATERIALS IN TURBOJETS*, Russ Duttweiler, Lawrence Associates, Inc.

5 April " *EVALUATION OF PRECISION-FORMED MATERIALS & COMPONENTS*, Alex Vary, NASA, Lewis Research Ctr.

3 May " *METALLURGICAL FAILURE ANALYSIS IN POWER GENERATION COMPONENTS*, David Stitt, Babcock & Wilcox, Alliance Research Ctr.

Contact: Walter R. Mohn, Babcock & Wilcox R & D, 1562 Beeson St., Alliance, OH 44601-2196; (216)829-7816.

Carolina Piedmont Triad (North Carolina) Chapter

4 January Winston-Salem, NC
Shucker's Restaurant *NC SURFACE SCIENCE: AN ERA OF TAILORED MATERIALS*, E. Bloom

1 February " *UNIVERSITY/INDUSTRY TECHNOLOGY TRANSFER*, G. Krauss

1 March tba *TIRES TO RECYCLED ENERGY & SUPPLIES/Plant Tour*, D. Forrester

5 April Winston-Salem, NC
Shucker's Restaurant *CURRENT STATE OF PLASTICS RECYCLING*, Van Brederode

Central Iowa Chapter

8 February Ames, IA
Ames Laboratory
Iowa State University *Facility Tour*

8 March tba *MATERIALS AND PROCESSING IN A COPPER/BRASS MILL*, J. Spooner

12 April tba *MATERIALS IN THE SPACE SHUTTLE*, S. Gentz

Central Virginia Chapter

January tba *ATOMIC RESOLUTION MATERIALS STRUCTURE*

Chicago (Illinois) Chapter

January tba *CERAMIC COATINGS*

March tba *SURFACE SCIENCE/PLASMA VACUUM*

April tba *FOOD PACKAGING*

Cincinnati (Ohio) Chapter

13 January Evendale, OH
Quality Inn *ADVANCES IN PYROMETRIC PRACTICES*, T. Wang

Cleveland (Ohio) Chapter

7 March Cleveland, OH
John Hiam, LTV Steel Co., Technology Center

4 April Cleveland, OH
Holiday Inn Lakeside *COLD-WORKED STAINLESS STEELS FOR HIGH TEMPERATURE APPLICATIONS*, Victor Levine, TRW, Inc., Valve Div.

2 May Materials Park, Ohio
ASM International® *MANUFACTURING MATERIALS & PROCESSES IN THE CIVIL WAR*, John Harkness, Brush Wellman Inc.

Columbus (Ohio) Chapter

February East Liberty, OH
Honda, Inc. *Plant Tour*

Dayton (Ohio) Chapter

12 January tba *RECENT ADVANCES IN WELDING RESEARCH AND TECHNOLOGY*, Stan A. David, Oak Ridge National Laboratory

9 February tba *CRYSTAL GROWTH EXPERIMENTATION*, L. van der Berg

9 March tba *DINAL PRODUCT INSPECTION NDT EQUIPMENT AT INLAND STEEL*, G. Nengle

Detroit (Michigan) Chapter

10 January	Farmington, MI Vladimir's	<i>MICROALLOYED STEELS FOR FORGINGS</i> , Peter Wright, Chaperal Steel
14 February	"	<i>ADVANCED MATERIALS IN THE 21st CENTURY</i> , Jack G. Simon, General Motors Corp.
14 March	"	<i>LATEST HEAVY MANUFACTURING CHANGES IN CASTING AND MACHINING TECHNOLOGY</i> , Father T. Cunningham
4 April	"	<i>HEAT TREATING INDUSTRY</i> , Wally Bamford, Metal Treating Institute
9 May	"	<i>CONTINUING COMPETITIVENESS OF STEEL</i> , Peter Peterson, U.S. Steel Corp.

Contact: Larry R. Smith, 14901 Woodworth, Redford, MI 48239; (313)390-3481.

Heart of Texas Chapter

12 January	tba	<i>CAT SCAN</i>
9 February	tba	<i>ELECTRONICS</i> , P. Ho
9 March	tba	<i>LASER SINTERING</i>
13 April	Motorola, Inc.	<i>Plant Tour</i>
11 May	tba	<i>HOW TO START YOUR OWN BUSINESS</i> , J. Triplet

Houston (Texas) Chapter

4 January	Houston, TX HESS	<i>CVD DIAMOND COATING</i> , Howard Smith, SI Diamond
15 March	"	<i>OILFIELD TUBULARS</i> , Bruce Urband, Tubular Corp. of America

Hudson Valley (New York) Chapter

13 January	Plumbush Inn	<i>ENVIRONMENTAL FACT AND FICTION</i> , Keith Hall, International Paper Co.
10 March	"	<i>NOW WE CAN SEE ATOMS—SO WHAT CAN WE LEARN?</i> , Mike Pashley, Philips Laboratories
14 April	"	<i>METALLURGY OF DENTAL ALLOYS</i> , Paul Cascone, J.F. Jelenko & Co.
12 May	"	<i>TRANSFERRING TECHNOLOGY FROM R & D TO MANUFACTURING</i> , Alton Romig, Jr., Sandia National Laboratories

Contact: Susan McGee, Philips Laboratories; (914)945-6273/Umar Ahmad, IBM Corp.; (914)894-5693.

Indianapolis (Indiana) Chapter

21 March	tba	<i>SINKING OF THE TITANIC</i> , H.P. Lieghley, University of Missouri
17 May	Lafayette, IN Subaru-Isuzu Automotive, Inc.	<i>Plant Tour</i>

Kansas City (Missouri) Chapter

19 January	Golden Ox Restaurant	<i>ISO 9000 STANDARDS: INFLUENCE ON THE MANUFACTURING AND ENGINEERING SECTORS</i>
16 February	"	<i>WELDING METALLURGY</i>
16 March	"	<i>MATERIALS RESEARCH ACTIVITIES AT THE KANSAS DEPT. OF TRANSPORTATION</i> , K. McReynolds

Lehigh Valley (Pennsylvania) Chapter

10 February	tba	<i>SPS TECHNOLOGIES</i> , Edward H. Kottcamp, SPS Technologies, Inc.
14 April	Bethlehem, PA	<i>THE BETHLEHEM STEEL PLANT IN WWI AND WWII— ARSENAL OF THE ALLIES</i> , Lance Metz, Hugh Moore Historical Park
12 May	Bethlehem, PA Dept. of Engineering Lehigh University	<i>Facilities Tour</i> , David Williams, Lehigh University, Dept. of Engineering

Los Angeles (California) Chapter

8 February	Downey, CA Embassy Suites Downey Civic Center	<i>INDUCTION HEATING: EQUIPMENT & PROCESSING FOR BRAZING AND HEAT TREATING</i> , G. Rylands
8 March	"	<i>F-18 AIRCRAFT: NEW MATERIALS REVIEW</i> , J. Park
12 April	"	<i>PROSTHETICS: MATERIALS BEING USED</i>
10 May	"	<i>STRUCTURAL DAMAGE TOLERANCE OF AIRCRAFT</i> , T. Swift

Manitoba (Canada) Chapter

6 January	Westland Steel Products	<i>Plant Tour</i>
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Milwaukee (Wisconsin) Chapter

January	tba	<i>THERMAL SPRAY CERAMICS/COMPOSITES</i>
April	tba	<i>APPLICATIONS OF INDUCTION HEATING</i>
May	tba	<i>FT-IR SPECTOMETRY IN MATERIALOGRAPHY</i> , H. Mueller

Mohawk Valley (New York) Chapter

11 January	Revere Copper, Inc.	<i>Plant Tour</i>
8 March	tba	<i>OVERVIEW OF POWDER METALLURGY TOOL STEELS</i> , R. Dixon
12 April	tba	<i>SILVERSMITHING IN MODERN TIMES</i>

New Hampshire Chapter

10 February	Saphicon, Inc.	<i>SAPPHIRE CRYSTAL MANUFACTURING/Plant Tour</i>
10 March	Bronzecraft, Inc.	<i>COMPUTER TECHNOLOGY SEMINAR/Plant Tour</i>
14 April	Dartmouth Laboratory	<i>CRYOGENIC TECHNOLOGY/Plant Tour</i>
12 May	Davidson Rubber, Inc.	<i>RUBBER TECHNOLOGY/Plant Tour</i>

North Alabama Chapter

10 February	Saturn, Inc.	<i>Plant Tour</i>
14 April	tba	<i>X-RAY MICROSCOPY</i> , R. Hoover

North Texas Chapter

13 January	Comanche Peak Power Plant	<i>Plant Tour</i>
12 May	tba	<i>ADVANCED MATERIALS IN THE 21st CENTURY</i> , Jack G. Simon, General Motors Corp.

Northeast Iowa Chapter

9 February	tba	<i>CONTOUR HARDENING</i> , J. Storm
9 March	tba	<i>NEW TECHNOLOGIES IN HEAT TREATING</i> , J. Ostberg
13 April	Waterloo, IA Advanced Heat Treat Co.	<i>Plant Tour</i>

Oak Ridge (Tennessee) Chapter

20 January	tba	<i>TECHNOLOGY TRANSFER</i> , W. Martin
17 March	Coors Ceramics	<i>Plant Tour</i> , J. Gahinazzi
21 April	tba	<i>FIELD METALLURGY</i> , J. Henry
19 May	tba	<i>DOE SCRAP METAL</i> , J. Hayden

Ontario (Canada) Chapter

11 January	Oakville, ON	<i>MAGNESIUM ALLOY APPLICATIONS: NEW DEVELOPMENTS</i> , M. Avedesian, Noranda Minerals, Magnesium Div.
16 February	Burlington, ON	<i>STEEL</i> , N. Lockington, Dofasco, Inc.
26 March	Hamilton, ON	<i>JAPANESE STEEL TECHNOLOGY</i> , Toshihiko Emi, Kawasaki Steel Co.
5 April	tba	<i>AUTO SATELLITE: NEW MATERIALS</i>
3 May	Brampton, ON	<i>CHRYSLER LH CAR</i> , Staff, Chrysler Canada

Contact: Michael Lesychyn, 700 University Ave., C24-F5, Toronto, Ontario MSG-1X6, Canada; (416)506-3736.

Orange Coast (California) Chapter

18 May	San Juan Capistrano, CA Catalan Forge	<i>Plant Tour</i>
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Ottawa Valley (Ontario, Canada) Chapter

11 January	tba	<i>MATERIALS CHARACTERIZATION</i> , J. Oppenheim
8 February	tba	<i>SOLDER JOINT RELIABILITY</i> , K. Felske
8 March	tba	<i>MATERIALS PROCESSING</i>

Peoria (Illinois) Chapter

10 January	Peoria, IL Cater Inn	<i>FORENSIC METALLURGY IN THE FBI</i> , William A. Tobin, U.S. FBI
21 March	Peoria, IL Bradley University	<i>ADVANCED MATERIALS IN THE 21ST CENTURY—WILL THE U.S. LEAD OR FOLLOW?</i> , Jack G. Simon, General Motors Corp.
11 April	Peoria, IL Jumer's Castle Lodge	<i>THIN WALL CAST STEEL TECHNOLOGY</i> , Robert D. Blackburn, Technical Casting Int'l.

9 May Peoria, IL
Mark Twain Hotel

THE DEVELOPMENT OF A NATIONAL AGENDA, Lyle H. Schwartz, NIST

Contact: John S. Ham, 3545 W. Chartwell Rd., Peoria, IL 61614-2300; (309)578-2917.

Philadelphia (Pennsylvania) Chapter

17 February tba
17 March tba

HEAT TREATING THEN AND NOW, C. Knerr

MEGATRENDS IN THE WORLD OF MATERIALS —THE SOCIETAL IMPLICATIONS AND CHALLENGES, Diran Apelian, Worcester Polytechnic Institute

Phoenix (Arizona) Chapter

January tba
March tba
May tba

LASER PROCESSING

ELECTRICAL COMPONENTS

WEAR TESTING

Puget Sound (Washington) Chapter

11 January Triples
12 April “

NEW LARGE JET ENGINES: MATERIALS & DESIGN FOR FAN BLADES, Panel Discussion

DEVELOPMENT OF A NATIONAL AGENDA, Lyle H. Schwartz, NIST

Rhode Island Chapter

5 January Providence, RI
Providence Marriott Hotel
17 February Seekonk, MA
J. Wales’

BIOMATERIALS, Norbert Green

PROBLEM-SOLVING TOOLS, Glenn Hoffher

Saginaw Valley (Michigan) Chapter

11 January Frankenmuth, MI
8 February “
12 April “
10 May tba

TOOLS FOR METAL PROBLEM-SOLVING

ADVANCED MATERIALS, Jack G. Simon, General Motors Corp.

BICYCLE MATERIALS, Matt Assenmacher

ANTIQUES AND FURNITURE MATERIALS

Contact: Ron Thomas, 6585 Scenic Dr., S., Saginaw, MI 48603; (517)757-0586.

San Diego (California) Chapter

January tba
February tba
April Cast Alloys, Inc.
May tba

AIRCRAFT CRASH INVESTIGATION

MMCs FOR SPORTING EQUIPMENT

Plant Tour

Sally Ride, Astronaut

San Fernando Valley (California) Chapter

27 January Granada Hills, CA
Mamma Lucia’s
24 February “
24 March “
28 April “
26 May “

COMPOSITES FABRICATION TECHNOLOGY IN THE 21st CENTURY, G. Spellman

BATTERY TECHNOLOGY AND THE SOLAR AUTO OF THE FUTURE, F. Deligiannis

VAPOR-FORMING & NEW VAPOR DEPOSITION TECHNOLOGY, R. Tuffias

FABRICATION OF NEW PLASTIC ALLOYS, S. Goodman

RECENT DEVELOPMENTS IN MMC AND IMC TECHNOLOGY, J. Graves

Sangamon Valley (Illinois) Chapter

February tba
March Clinton Nuclear Power Plant

AS-WELDED NOTCH TOUGHNESS TEST, C. Hahin

Plant Tour

Southern Connecticut Chapter

20 January tba
17 March tba

ADVANCED MELT PROCESSING, Gernant E. Maurer, Special Metals Corp.

MANUFACTURE OF CUBIC ZIRCONIA AND OTHER JEWELRY STONES, S. Singh, Singh Industries

21 April Handy & Harmon

Plant Tour

Southwestern New York Chapter

January tba
February tba
March tba
April tba

BRAZING

ENVIRONMENTAL ISSUES

NONMETALLICS

CORROSION

May tba *NONMETALLICS*

Springfield (Massachusetts) Chapter

8 March Chicopee, MA
Collegian Court *AUTOMOTIVE SENSORS*, Staff, Millitech Corp.

Syracuse (New York) Chapter

January tba *MATERIALS IN ORTHODONTICS*, W. Caryl
February tba *PHOTO TECHNOLOGY ADVANCES AT EASTMAN KODAK*

Toledo (Ohio) Chapter

18 February tba *MATERIALS ENGINEERING*

Wabash Valley (Indiana) Chapter

19 January tba *ELECTRICAL DISCHARGE MACHINING*, Andre Ponsot
16 March Bloomington, IN
Futurex *Plant Tour*, Richard Kremer
18 May Crawfordsville, IN
Nucor Steel *Plant Tour*

Contact: Robert Clayton, 106 E. Lawrin Blvd., Terre Haute, IN 47803; (812)462-2347.

West Michigan Chapter

10 January tba *BIOMEDICAL MATERIALS*
14 February tba *STEEL FORMING*
14 March Sealed Power Co. *Plant Tour*
11 April tba *SPORTS MATERIALS*

Worcester (Massachusetts) Chapter

12 January West Boylston, MA
O'Connor's Restaurant *ISO 9000*, Harold Greenberg
16 February " *TITANIUM POWDER METALLURGY*, Paul Wiehrauch, Dynamet Corp.
16 March " *PERFORMANCE OF RAILROAD RAILS*, Richard Steele, American Association of Railroads
13 April " *TECHNOLOGY CONSORTIUMS: A MEANS TO COMPETE IN THE WORLD MARKET*,
Gernant E. Maurer, Special Metals Corp.

Contact: Joseph M. Oparowski, Digital Equipment Corp., 30 Forbes Rd., NR05/G5, Northboro, MA 01532; (508)351-4932.

York (Pennsylvania) Chapter

16 February Columbia, PA
Knights of Columbus Alumax *ALUMAX PRODUCTS AND PROCESSES*, John Campbell,
9 March York, PA
Holiday Inn *NEW HAPPENINGS IN MATERIALS*, Edward H. Kottcamp, SPS Technologies, Inc.
13 April Lancaster, PA
Alumax Aluminum *Plant Tour*
18 May Grantham, PA
Messiah College *NATIONAL/INTERNATIONAL SCIENCE FAIRS*, Alfred McLaren

No chapter contact listed? Call or write Melinda Carter, Chapter Activities, ASM International, Materials Park, OH 44073/ (216)338-5151, Ext. 636.